

DATASHEET

ASTM Property



Grade	FC-150U
Product	Polypropylene, Homopolymer

General Information

Key Features

- High crystallinity, Low volatile and extractable compounds
- Excellent transparency, thermal resistance, glossiness and processibility
- Containing slip and anti-blocking agent

Applications

- General CPP Film

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	360
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	17,500
Rockwell Hardness	ASTM D785	R	107
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	2.5
Thermal Properties			
Melting Temperature	LC Method	°C	165
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	115
Film Properties			
Haze	ASTM D1003	%	<3.0
Coefficient of Friction	ASTM D1894		<0.8

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30μm mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

* The last update date : 2022/09/21